

## ABSTRACT

The invention aims to provide a civil engineering material effective to suppress heat island phenomenon in urban cities, develop environments matching with the ambient environments of a construction site, and carry out greening of a desert as well as excellent in washing out resistance and/or planting suitability depending on the objects (or purposes) of the civil engineering works and to provide a construction method of the material. The civil engineering material comprises 10 to 40% by weight of water on the basis of extrapolation amount added to a mixture, which includes 0.5 to 10.0% by weight of cement and 90.0 to 99.5% by weight of an aggregate powder containing fine powder with 0.1 mm size or smaller in 10 to less than 50% by weight. In this case, a coloring material and seeds of plants may be previously added.